

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000349

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04M 3/56, H04Q 7/38, H04L 12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6577622 B1 (G.M.SCHLUSTER ET AL), 10 June 2003 (10.06.2003), column 1, line 1 - column 3, line 38, figures 1-12 --	1-12
X	US 6128381 A (J.T.HOLMSTRÖM ET AL), 3 October 2000 (03.10.2000), column 1 - column 6, figures 1-2 --	1-12
Y	EP 0954156 A3 (NOKIA MOBILE PHONES LTD.), 3 November 1999 (03.11.1999), figure 2, abstract --	1-12

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 16 November 2004	Date of mailing of the international search report 17 -11- 2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Behroz Moradi /itw Telephone No. +46 8 782 25 00

CORRECTED

**PCT/FI 2004/000349**

Relevant to claim No.

Y.

WO 02087204 A1 (NOKIA CORPORATION),  
31 October 2002 (31.10.2002), page 2,  
line 15 - line 34, figures 1-7

**1-12**

Y

WO 0038400 A1 (ERICSSON INC.), 29 June 2000  
(29.06.2000), page 2, line 8 - page 3, line 10,  
figures 1-3

1-12